

Heat Reflective Paint Exterior Emulsion



No.	PARAMETERS	VALUES
1.	Physical Appearance	Milky White
2.	Solar Reflective Index (SRI)	128
3.	Coating type	100% pure acrylic base heat insulating paint
4.	Solar reflectance tested as per ASTM C 1549-09	0.95
5.	Thermal Emittance tested as per ASTM C 1371- 04a	0.91
6.	Volatile organic contents(VOC)	Extremely low 1.34 gm/ltr
7.	Service temperature	100°C
8.	Toxicity	Non toxic
9.	Water absorption	Water proof coating
10.	High humidity	No penetration of water, no loss of adhesion no blistering , cracking or flaking
11.	Fungus resistance	No fungi development
12.	Impact resistance	56"/pound
13.	Chemical resistance	Stable in mild Alkali acid and solvent
14.	Fire resistance	Not flammable
15.	Adhesion strength	40 pounds/square inch
16.	Abrasion resistance	0.5gm/1000 cycle
17.	Number of coats	2 coats
18.	Solids by weight	50%
19.	Dry film thickness	65 micron/coat
20.	Dry touch @ 30°C	45 min
21.	Recoating time @ 30°C	After 4 hour
22.	Curing mechanism	At ambient temperature paint cures by evaporation of water & coalescence of polymer particles
23.	Viscosity	10 poise
24.	Ph	7 to 8

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